

CLAIMS

We claim:

- 5 1. A glare reduction rear view mirror assembly comprising:
a frame having back, top, bottom, and side walls, and also
having an open front;
 bracket members being attached to said frame and being
adapted to fasten to a vehicle;
10 a transparent pane being disposed over said open front of said
frame;
 a mirror pane being pivotally disposed in said frame behind
said transparent pane; and
 a means for pivoting said mirror pane longitudinally.
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2. The glare reduction rear view mirror assembly as described
in claim 1, wherein said back wall of said frame is slanted inwardly
from said top wall to said bottom wall thereof for effecting an
aerodynamic appearance.
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3. The glare reduction rear view mirror assembly as described
in claim 1, wherein said frame further includes a support body
being attached to an inner side of said back wall and near said top
wall of said frame and protruding forwardly of said back wall and
25 having a recessed portion disposed in a front side thereof.
4. The glare reduction rear view mirror assembly as described
in claim 3, wherein said mirror pane is pivotally attached at a
bottom end thereof to said bottom wall of said frame with a top end
30 of said mirror pane capable of moving forwardly and rearwardly in

said frame to effectively re-impose an image displayed in said mirror pane upon said transparent pane.

5 5. The glare reduction rear view mirror assembly as described
in claim 4, wherein said means for pivoting said mirror pane
longitudinally includes a bracket being attached to a back side of
said mirror pane near said top end thereof, and also includes a drive
member being pivotally attached to said bracket, and further
includes an actuator being attached over said recessed portion of
10 said support body and being attached to said drive member, and
also includes a spring member being disposed between said support
body and said mirror pane for biasing said top end of said mirror
pane toward said transparent pane.

15 6. The glare reduction rear view mirror assembly as described
in claim 5, wherein said actuator is a solenoid being attached with a
mounting bracket to said support body, and also being attached to
said drive member for urging said top end of said mirror pane away
from said transparent pane, and further being connected with wires
20 to a switch for the energizing thereof.

7. The glare reduction rear view mirror assembly as described
in claim 5, wherein said actuator is a flexible diaphragm being in
contactable relationship to said drive member for urging said top
25 end of said mirror pane away from said transparent pane, said
flexible diaphragm covering said recessed portion in said support
body thus creating an air chamber in said recessed portion.

8. The glare reduction rear view mirror assembly as described
30 in claim 7, wherein said means for pivoting said mirror pane

longitudinally also includes an air hose being in air communication
to said air chamber and being adapted to be connected to an air
suction device for removing air from said air chamber which urges
said flexible diaphragm inwardly of said air chamber thus causing
5 said drive member to move said top end of said mirror pane away
from said transparent pane.

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